

Converting Colors

$Yxy(79.9686, 0.2381, 0.3340)$

Have a look what the booklet for
Yxy(79.9686, 0.2381, 0.3340)
contains.

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Color

Yxy(79.9985, 0.2383, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	5CFEF9
RGB	92, 254, 249
RGB Percent	36%, 100%, 98%
CMY	0.6390, 0.0039, 0.0235
CMYK	0.64, 0.00, 0.02, 0.00
HSL	178°, 99%, 68%
HSV	178°, 64%, 100%
XYZ	56.9574, 79.9985, 102.0596
YIQ	204.9920, -94.9470, -35.8990

Conversions

Conversions Part 2

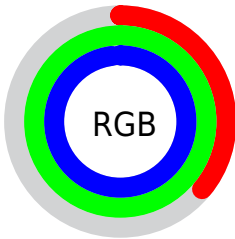
Format	Color
RYB	92, 174, 254
Decimal	6094585
CIELab	91.68, -42.61, -10.07
CIElCh	92, 43.788, 193.295
Yxy	79.9985, 0.2383, 0.3347
Android (android.graphics.Color)	4284284665 (0xFF5CFEF9)
YUV	204.9920, 21.6959, -99.0940
Hunter-Lab	89.4419, -42.8529, -5.0448

Details

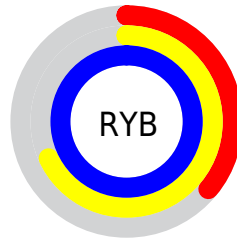
The Yxy color **79.9985, 0.2383, 0.3347** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **29.5988, 0.5148, 0.3252**, and the grayscale version is **60.9603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **43.7828, 0.2264, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **78.8557, 0.2329, 0.3357**, and if you desaturate by 10%, it is **81.5860, 0.2457, 0.3337**.

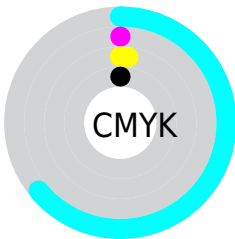
Distribution



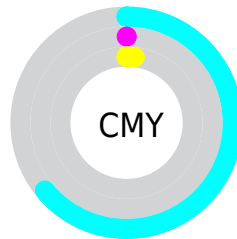
- Red (36%)
- Green (100%)
- Blue (98%)



- Red (36%)
- Yellow (68%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (64%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9985, 0.2383, 0.3347 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 79.9985, 0.2383, 0.3347 by changing the saturation by 10% instead.


 79.9985, 0.2383,
0.3347


 79.9985, 0.2383,
0.3347


494.9278, 0.2713,
0.3330

 59.7171, 0.2311,
0.3349


 133.3636, 0.2495,
0.3343

 43.1907, 0.2224,
0.3350

 167.2162, 0.2539,
0.3341

 30.0347, 0.2117,
0.3350


 206.3612, 0.2578,
0.3339

 19.8650, 0.1981,
0.3347

251.1831, 0.2611,
0.3337

 12.2969, 0.1806,
0.3339

302.0664, 0.2641,
0.3335

 6.9462, 0.1571,
0.3319


359.3953, 0.2668,


 3.4285, 0.1247,


0.3333


0.3269


423.5543, 0.2692,
0.3331


 1.3593, 0.0453,
0.3254


 0.1864, 0.0000,
0.1705


 79.9985, 0.2383,
0.3347

 79.9985, 0.2383,
0.3347

 78.8557, 0.2329,
0.3357

 81.5860, 0.2457,
0.3337

 78.1026, 0.2295,
0.3367

 83.6484, 0.2549,
0.3327

 77.6864, 0.2278,
0.3377

 86.2240, 0.2659,
0.3318

 77.5473, 0.2273,
0.3384

 89.3446, 0.2785,
0.3309

 93.0393, 0.2923,
0.3300

 97.3354, 0.3070,
0.3293

99.3311, 0.3131,
0.3285

99.3639, 0.3128,
0.3281

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9985, 0.2754, 0.3850



79.9985, 0.2383, 0.3347



79.9985, 0.2210, 0.2878

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9985, 0.2383, 0.3347



79.9985, 0.2943, 0.2565



79.9985, 0.4063, 0.3945

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.9985, 0.2383, 0.3347



29.5988, 0.5148, 0.3252

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9985, 0.4141, 0.3570



79.9985, 0.2383, 0.3347



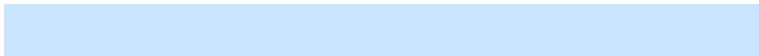
79.9985, 0.3463, 0.2811

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9985, 0.2383, 0.3347



79.9985, 0.2511, 0.2477



79.9985, 0.3917, 0.3166



79.9985, 0.3727, 0.4188

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9985, 0.2383, 0.3347



79.9985, 0.2216, 0.2655



79.9985, 0.3917, 0.3166



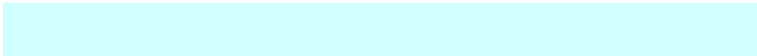
79.9985, 0.4122, 0.3828

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80.0015, 0.2383, 0.3347



91.8447, 0.2849, 0.3305



74.2239, 0.3051, 0.5347



19.4364, 0.2810, 0.3307



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0015, 0.2383, 0.3347



79.2747, 0.2316, 0.3361



41.4444, 0.2134, 0.2309



20.4712, 0.2984, 0.3297



40.8881, 0.2273, 0.3382



3.9841, 0.2270, 0.3370

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.5988, 0.5148, 0.3252



24.7304, 0.5763, 0.3259



49.7132, 0.4606, 0.4035



17.9962, 0.3290, 0.3283



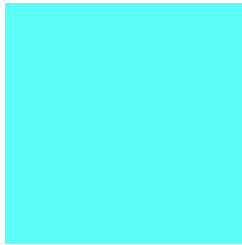
11.1218, 0.6370, 0.3283



1.0859, 0.6296, 0.3242

Previews

White Background



This preview shows how the Yxy color 79.9985, 0.2383, 0.3347 looks on a white background.

Color Contrast Check

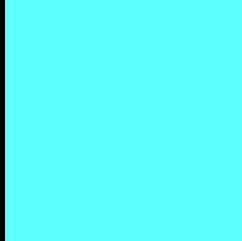
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 79.9985, 0.2383, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

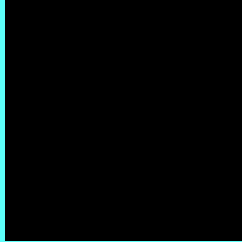
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.9985, 0.2383, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 79.9985, 0.2383, 0.3347.

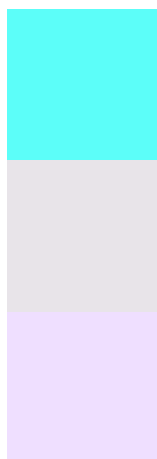


This preview shows how white text looks on a background with the Yxy color 79.9985, 0.2383, 0.3347.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.9985, 0.2383, 0.3347

Protanopia

78.5258, 0.3123, 0.3238

Deuteranopia

78.3461, 0.3033, 0.2969



Tritanopia

79.1593, 0.2628, 0.3145

Trichromacy



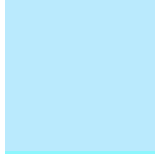
Original Color

79.9985, 0.2383, 0.3347



Protanomaly

76.6241, 0.2768, 0.3267



Deuteranomaly

76.3766, 0.2719, 0.3081



Tritanomaly

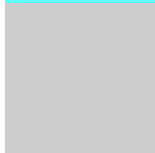
78.6661, 0.2515, 0.3208

Monochromacy



Original Color

79.9985, 0.2383, 0.3347



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

65.8883, 0.2753, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9985, 0.2383, 0.3347 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(92, 254, 249)` looks like.

```
.text, #text, p{  
    color:rgb(92, 254, 249)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(92, 254, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 254, 249) }
```

Border

The CSS property to change the border of an element to Yxy 79.9985, 0.2383, 0.3347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

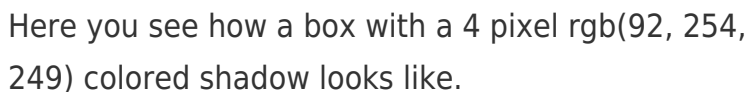
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 254, 249) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(92, 254, 249) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(92, 254, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 254, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 254, 249);  
box-shadow:4px 4px 4px 4px rgb(92, 254,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9985, 0.2383, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 254, 249) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(92, 254,  
249) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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